



DOCKET NO.: 123034-05029639

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Woo-Seok CHEONG et al. ART UNIT: 2812

APPLICATION NO.: 10/527,056

EXAMINER: n/a

FILING DATE: October 20, 2005

FOR: APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE AND METHOD  
FOR MANUFACTURING SEMICONDUCTOR DEVICE BY USING THE SAME

**REVOCATION OF POWER OF ATTORNEY AND  
NEW POWER OF ATTORNEY**

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SIR:

The undersigned representative of **Electronics and Telecommunications Research Institute**, an owner by virtue of assignment of the above-identified application, hereby revokes any and all previous Powers of Attorney, and appoints the practitioners associated with the **Customer Number 22429** as Assignee's attorneys with full power of substitution and revocation, to prosecute said patent application, receive any Letters Patent and to take any and all other actions with regard to this patent application and any Letters Patent issuing thereon, and request that all correspondence be sent to **Customer No. 22429** or **Lowe Hauptman & Berner, LLP.**, 1700 Diagonal Road, Suite 300, Alexandria, Virginia 22314.

**CERTIFICATION UNDER 37 C.F.R. 3.73(b)**

I, the undersigned, certify that I am an individual empowered to act on behalf of **Electronics and Telecommunications Research Institute**, the assignee of the entire right, title and interest of the above-identified application by virtue of an assignment from the inventor(s).

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were



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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Woo-Seok CHEONG et al.Application No./Patent No.: 10/527,056 Filed/Issue Date: October 20, 2005Entitled: APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE BY USING THE SAMEElectronics and Telecommunications Research Inst, a Institution of Korea  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
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in the patent application/patent identified above by virtue of either:

A ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 017174, Frame 0509, or for which a copy thereof is attached.

OR

B ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]  
Signature

June 12, 2007  
Date

Yoon S. Ham  
Printed or Typed Name

703-535-7340  
Telephone Number

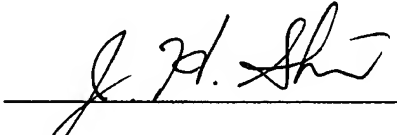
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Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Electronics and Telecommunications Research Institute**

Date of Signature: March 5, 2007      Signature:   
Name: Jung-hyuk Shin  
Title of Signor: Head of IPR Management Team